PLATE II OF 27

\_\_\_\_200\_\_\_\_

SOUTHWEST DOTY MOUNTAIN QUADRANGLE UNITED STATES WYOMING-CARBON CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 107°45′ R 92 W 1336 11 12 Overburden isopach map of the Almond [3] coal bed 16 14 17 13 18 15 16 15 T.16 N. 21 24 19 22 23 21 25 30 27 27 26 28 29 28 o 213 34 NOTE: Overburden isopachs are not 31 drawn beyond those shown because of insufficient data. 33 32 35 33 17'30" 12 15 16 18 17 T.15 N. 0 2722 40 R.91 W.107°37'30" R.92 W. 107°45' Compiled in 1979 SCALE 1.24000 Base from U.S. Geological Survey, 1957 This report has not been edited for conformity with U.S. Geological Survey editorial standards or WYOMING stratigraphic nomenclature. QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE DOTY

MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY DAMES & MOORE 1979 OVERBURDEN ISOPACH - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

EXPLANATION

## O1336

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

## \_\_\_\_\_10-----

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

## SC - Separation Creek COAL BED SYMBOL AND NAME

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

To convert feet to meters, multiply feet by 0.3048.